

## Azure Roles

1. Azure Administrator
2. Azure Developer
3. Azure DevOps Engineer
4. Azure Data Engineer
5. Azure Architect

## Microsoft Certified Azure Fundamentals

1. [AZ-900: Microsoft Azure Fundamental](#) (optional)
  - a. Understand Cloud Concepts (15-20%)
  - b. Understand Core Azure Services (30-35%)
  - c. Understand Security, Privacy, Compliance, and Trust (25-30%)
  - d. Understand Azure Pricing and Support (25-30%)

## Microsoft Certified Azure Administrator

1. [AZ-100: Microsoft Azure Infrastructure and Deployment](#)
  - a. Manage Azure subscriptions and resources (15-20%)
  - b. Implement and manage storage (20-25%)
  - c. Deploy and manage virtual machines (VMs) (20-25%)
  - d. Configure and manage virtual networks (20-25%)
  - e. Manage identities (15-20%)
2. [AZ-101: Microsoft Azure Integration and Security](#)
  - a. Evaluate and perform server migration to Azure (15-20%)
  - b. Implement and manage application services (20-25%)
  - c. Implement advanced virtual networking (30-35%)
  - d. Secure identities (25-30%)
3. Transition Track  
[70-533: Implementing Microsoft Azure Infrastructure Solutions](#) (Retired)  
+  
[AZ-102: Microsoft Azure Administrator Certification Transition](#) (Retires on 30<sup>th</sup> June 2019)

## Microsoft Certified Azure Developer Associate

### 1. [AZ-203: Developing Solutions for Microsoft Azure](#)

- a. Develop Azure Infrastructure as a Service Compute Solutions (10-15%)
- b. Develop Azure Platform as a Service Compute Solutions (20-25%)
- c. Develop for Azure storage (15-20%)
- d. Implement Azure security (10-15%)
- e. Monitor, troubleshoot, and optimize Azure solutions (15-20%)
- f. Connect to and Consume Azure Services and Third-party Services (20-25%)

### 2. Transition Track

[70-532: Developing Microsoft Azure Solutions](#) (Retired)

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[AZ-202: Microsoft Azure Developer Certification Transition](#) (Retires on 31<sup>st</sup> March 2019)

## Microsoft Certified Azure Solution Architect

### 1. [AZ-300: Microsoft Azure Architect Technologies](#)

- a. Deploy and Configure Infrastructure (25-30%)
- b. Implement Workloads and Security (20-25%)
- c. Create and Deploy Apps (5-10%)
- d. Implement Authentication and Secure Data (5-10%)
- e. Develop for the Cloud (20-25%)

### 2. [AZ-301: Microsoft Azure Architect Design](#)

- a. Determine Workload Requirements (10-15%)
- b. Design for Identity and Security (20-25%)
- c. Design a Data Platform Solution (15-20%)
- d. Design a Business Continuity Strategy (15-20%)
- e. Design for Deployment, Migration, and Integration (10-15%)
- f. Design an Infrastructure Strategy (15-20%)

### 3. Transition Track

[70-535: Architecting Microsoft Azure Solutions](#)

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[AZ-302: Microsoft Azure Solutions Architect Certification Transition](#) (Retires on 30<sup>th</sup> June 2019)

### Microsoft Azure certification exams

<https://www.microsoft.com/en-us/learning/azure-exams.asp>

## Microsoft Certified Azure DevOps Engineer

### 1. [AZ-400: Microsoft Azure DevOps Solutions \(beta\)](#) (Temporarily on hold)

- a. Design a DevOps Strategy (20-25%)
- b. Implement DevOps Development Processes (20-25%)
- c. Implement Continuous Integration (10-15%)
- d. Implement Continuous Delivery (10-15%)
- e. Implement Dependency Management (5-10%)
- f. Implement Application Infrastructure (15-20%)
- g. Implement Continuous Feedback (10-15%)

## Data Platform

1. [70-473: Designing and Implementing Cloud Data Platform Solutions](#) (Retires on 30 June 2019)
  - a. Design and implement database solutions for Microsoft SQL Server and Microsoft Azure SQL Database (20–25%)
  - b. Design and Implement Security (25–30%)
  - c. Design for high availability, disaster recovery, and scalability (25–30%)
  - d. Monitor and manage database implementations in Azure (25–30%)
2. [70-475: Designing and Implementing Big Data Analytics Solutions](#) (Retires on 30 June 2019)
  - a. Design big data batch processing and interactive solutions (30–35%)
  - b. Design big data real-time processing solutions (30–35%)
  - c. Operationalize end-to-end cloud analytics solutions (30–35%)

### Microsoft Data and AI certification exams:

<https://www.microsoft.com/en-us/learning/data-and-ai-exams.aspx>

## About Exam and its Preparation

### Benefits of Writing Certification

1. You will be confident that you have achieved a milestone.
2. Industry recognition.

### To write exam:

1. Pearson VUE centers
  - a. Find a center near you:  
<https://wsr.pearsonvue.com/testtaker/registration>SelectTestCenterProximity/ISC2?conversationId=75237>
  - b. Book slot at least 1 week in advance.
  - c. Two Identity Proofs are required – Only Government ID Cards
2. Proctored Exam from Home
  - a. <https://www.microsoft.com/en-us/learning/online-proctored-exams.aspx>
  - b. Should have good resolution monitor.
  - c. Must do System Test before you book an exam.
  - d. <http://www.microsoft.com/learning> - Login with Microsoft Account.
  - e. Must have either Passport or Driving License as Identity Proofs with your signature.

**Fees:**

- In USA: \$165/-
- In INDIA: ₹4800/- + 18% GST = ₹5664/-

From Deccansoft you can buy at ₹5000/- (all inclusive)

**Exam / Questions Pattern:**

1. Divided into sections. Once a section is completed, we cannot go back to that section.
2. Scenario based Single Answer Questions
3. Multiple Choice Questions (Single and Multiple selection)
4. Arrange the options in correct sequence for the task that has to be performed. Eg: Steps to take Azure Backup
5. Case Studies with 5 to 9 questions.
6. Fill in the blank questions – Drag and Drop the correct answer.
7. Practical Test – You will need login to Azure Portal and it contains hands-on labs.

**Note: You must be very quick when reading case study scenarios and questions – 150 Minutes are not sufficient otherwise.**

**Training Options:**

1. Azure Documentation: <https://docs.microsoft.com/en-us/azure/>
2. Deccansoft Live Online Training
  - a. <https://www.bestdotnettraining.com/Azure-training-and-certification>
3. Deccansoft Pre-recorded Training
  - a. <https://www.bestdotnettraining.com/AZ-100-Microsoft-Azure-Infrastructure-and-Deployment-Online-training>
  - b. <https://www.bestdotnettraining.com/AZ-101-Microsoft-Azure-Integration-and-Security-Online-training>
  - c. <https://www.bestdotnettraining.com/azure-203-Developing-Solutions-for-Microsoft-Azure-Online-training>
4. Microsoft Official Curriculum (MOC)
  - a. Can be purchased from any Microsoft Learning Partners.
  - b. <http://www.skillpipe.com>

- c. Cost: \$50/- per course
  - d. You can buy these from Deccansoft.
5. Practice Exams by Pearson VUE

**Please Note that Deccansoft is Microsoft Learning Partner for Cloud Platform and we accept Software Assurance Training Vouchers (SATV)**